

CLAIMS

- 1 A sealing arrangement for sealing a leakage gap between at least two relatively moveable parts which are adjacent to each other in a flow path between a region of high fluid pressure and a region of low fluid pressure, at least one groove being provided along each adjacent face of the relatively moveable parts, wherein the sealing arrangement further comprises at least two resilient sealing strips, each strip having a portion formed along at least part of its width to locate in the at least one groove, the remaining portion of each of the at least two sealing strips having a substantially flat surface, the at least two sealing strips being configured such that in operation their substantially flat surfaces abut each other.
- 2 A sealing arrangement as claimed in claim 1 wherein the at least two sealing strips are formed such that the portion shaped to locate in the at least one groove is of arcuate cross-sectional configuration.
- 3 A sealing arrangement as claimed in claim 1 wherein the at least two sealing strips are formed such that the portion shaped to locate in the at least one groove is of "C" shaped cross-sectional configuration.
- 4 A sealing arrangement as claimed in claim 1 wherein the at least two sealing strips are formed such that the portion shaped to locate in the at least one groove is of "E" shaped cross-sectional configuration.
- 5 A sealing arrangement as claimed in claim 1 wherein the at least two sealing strips are formed such that the portion shaped to locate in the at least one groove is of "W" shaped cross-sectional configuration.

- 6 A sealing arrangement as claimed in claim 1 wherein the at least two relatively moveable parts form part of a seal disposed around a substantially cylindrical pressure vessel.
- 7 A sealing arrangement as claimed in claim 1 wherein the at least two relatively moveable parts form part of a seal disposed around a substantially frusto-conical pressure vessel.
- 8 A sealing arrangement as claimed in claim 6 wherein the at least two sealing strips are aligned substantially in the axial direction of the pressure vessel.
- 9 A sealing arrangement as claimed in claim 7 wherein the at least two sealing strips are aligned substantially in the axial direction of the pressure vessel.
- 10 A sealing arrangement as claimed in claim 6 wherein the at least two sealing strips are aligned substantially at an angle to the axial direction of the pressure vessel.
- 11 A sealing arrangement as claimed in claim 7 wherein the at least two sealing strips are aligned substantially at an angle to the axial direction of the pressure vessel.
- 12 A sealing arrangement as claimed in claim 1 wherein the at least two relatively moveable parts are platforms of a stator vane.
- 13 A sealing arrangement as claimed in claim 1 wherein the at least two relatively moveable parts are seal liner elements.
- 14 A sealing arrangement as claimed in claim 1 wherein said sealing arrangement forms part of a gas turbine engine.

- 15 A sealing arrangement as claimed in claim 6 wherein the pressure vessel is a gas turbine engine.
- 16 A sealing arrangement as claimed in claim 7 wherein the pressure vessel is a gas turbine engine.